


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER RBU 25-16E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT NATURAL BUTTES				
4. TYPE OF WELL Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME RIVER BEND				
6. NAME OF OPERATOR XTO ENERGY INC						7. OPERATOR PHONE 505 333-3159				
8. ADDRESS OF OPERATOR 382 Road 3100, Aztec, NM, 87410						9. OPERATOR E-MAIL kyla_vaughan@xtoenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-13214			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	2153 FNL 254 FEL		SENE	16	10.0 S	19.0 E	S			
Top of Uppermost Producing Zone	2450 FSL 720 FEL		NESE	16	10.0 S	19.0 E	S			
At Total Depth	2450 FSL 720 FEL		NESE	16	10.0 S	19.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 254		23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 20		26. PROPOSED DEPTH MD: 8995 TVD: 8903					
27. ELEVATION - GROUND LEVEL 5187			28. BOND NUMBER 104312762		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-10991					
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	9.625	0 - 2143	36.0	J-55 ST&C	8.8	Premium Plus	200	3.82	11.0
							Class G	350	1.2	15.6
PROD	7.875	5.5	0 - 8995	17.0	N-80 LT&C	9.2	Premium Plus	260	3.12	11.6
							Class G	400	1.75	13.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Krista Wilson			TITLE Permitting Tech			PHONE 505 333-3647				
SIGNATURE			DATE 07/11/2011			EMAIL krista_wilson@xtoenergy.com				
API NUMBER ASSIGNED 43047517440000			APPROVAL  Permit Manager							

RECEIVED: October 06, 2011

XTO ENERGY INC.**RBW 25-16E****APD Data****July 6, 2011****Location:** 2153' FNL & 254' FEL, Sec. 16, T10S, R19E **County:** Uintah**State:** Utah**Bottomhole Location:** 2450' FSL & 720' FEL, Sec. 16, T10S, R19E**GREATEST PROJECTED TD:** 8995' MD/ 8903' TVD
APPROX GR ELEV: 5187'**OBJECTIVE:** Wasatch/Mesaverde
Est KB ELEV: 5209' (22' AGL)**1. MUD PROGRAM:**

INTERVAL	0' to 2143'	2143' to 8995'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.6-9.20
VISCOSITY	NC	30-60
WATER LOSS	NC	8-15

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at $\pm 2143'$ MD/2100' TVD in a 12.25" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-2143'	2143'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.10	3.66	5.11

Production Casing: 5.5" casing set at $\pm 8995'$ MD/8903' TVD in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-8995'	8995'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.86	2.30	2.28

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rd thread on top.

4. CEMENT PROGRAM:

- A. Surface: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at $\pm 2143'$ in 12.25" hole.

LEAD:

± 200 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft³/sk, 22.95 gal wtr/sx.

TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

Total estimated slurry volume for the 9.625" surface casing is 1184 ft³. Slurry includes 75% excess of calculated open hole annular volume to 2143'.

- B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at $\pm 8995'$ in 7.875" hole.

LEAD:

± 260 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft³/sk, 17.71 gal wtr/sx.

TAIL:

400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1511 ft³. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string. The production casing is designed for the top of cement to be at 1643'.

5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (8995') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8995') to 2143'. A GPIT/Orientation Tool may be run from 8995' - 2143'.

6. FORMATION TOPS:

Please see attached directional plan.

7. ANTICIPATED OIL, GAS, & WATER ZONES:

A.

Formation	Expected Fluids	Depth Top (MD)
Wasatch Tongue	Oil/Gas/Water	4351
Wasatch	Gas/Water	4871
Chapita Wells	Gas/Water	5736
Uteland Buttes	Gas/Water	7031
Mesaverde	Gas/Water	7826

- B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.
- C. There are no known potential sources of H₂S.
- D. The offset well, RBU 8-16E was drilled in 2004 to 8520' TVD. The mud density according to the Anchor Mud Recaps was 8.7 ppg @ 8520' TVD. Remarks indicate the decision was made to increase the density in preparation to log prior to pulling to surface. The well would be overbalanced at that point by a ± 0.3 ppg pore pressure equivalent. Extrapolating the pressure gradient of 0.442 psi/ft (i.e.- 8.4 ppg) to 8903' TVD, the **anticipated bottom hole pressure is 3889 psi**. Using a conservative gas gradient to surface of 0.1 psi/ft, the **maximum anticipated surface pressure** would be **2999 psi**.

8. BOP EQUIPMENT:

The drilling of the surface hole will not utilize a bop stack – a 2000 psi diverter system will be utilized..

Production hole will be drilled with a 3000 psi rated BOP stack and choke manifold

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- when initially installed:
- whenever any seal subject to test pressure is broken
- following related repairs: and
- at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53 with a minimum pressure rating of 3000 psi. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

Annular BOP -- 1500 psi
Ram type BOP -- 3000 psi
Kill line valves -- 3000 psi
Choke line valves and choke manifold valves -- 3000 psi
Chokes -- 3000 psi
Casing, casinghead & weld -- 1500 psi
Upper kelly cock and safety valve -- 3000 psi
Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. COMPANY PERSONNEL:

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Home/Cell Phone</u>
Justin Niederhofer	Drilling Engineer	505-333-3199	505-320-0158
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Brent H. Martin	Drilling Manager	505-333-3110	505-320-4074
Jeff Jackson	Project Geologist	817-885-2800	

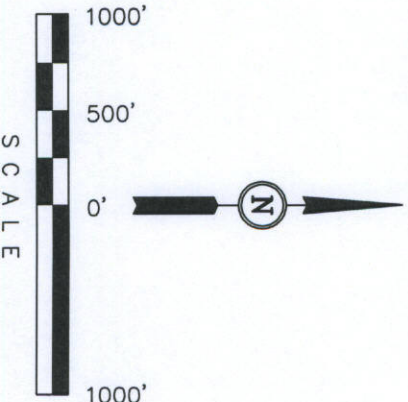
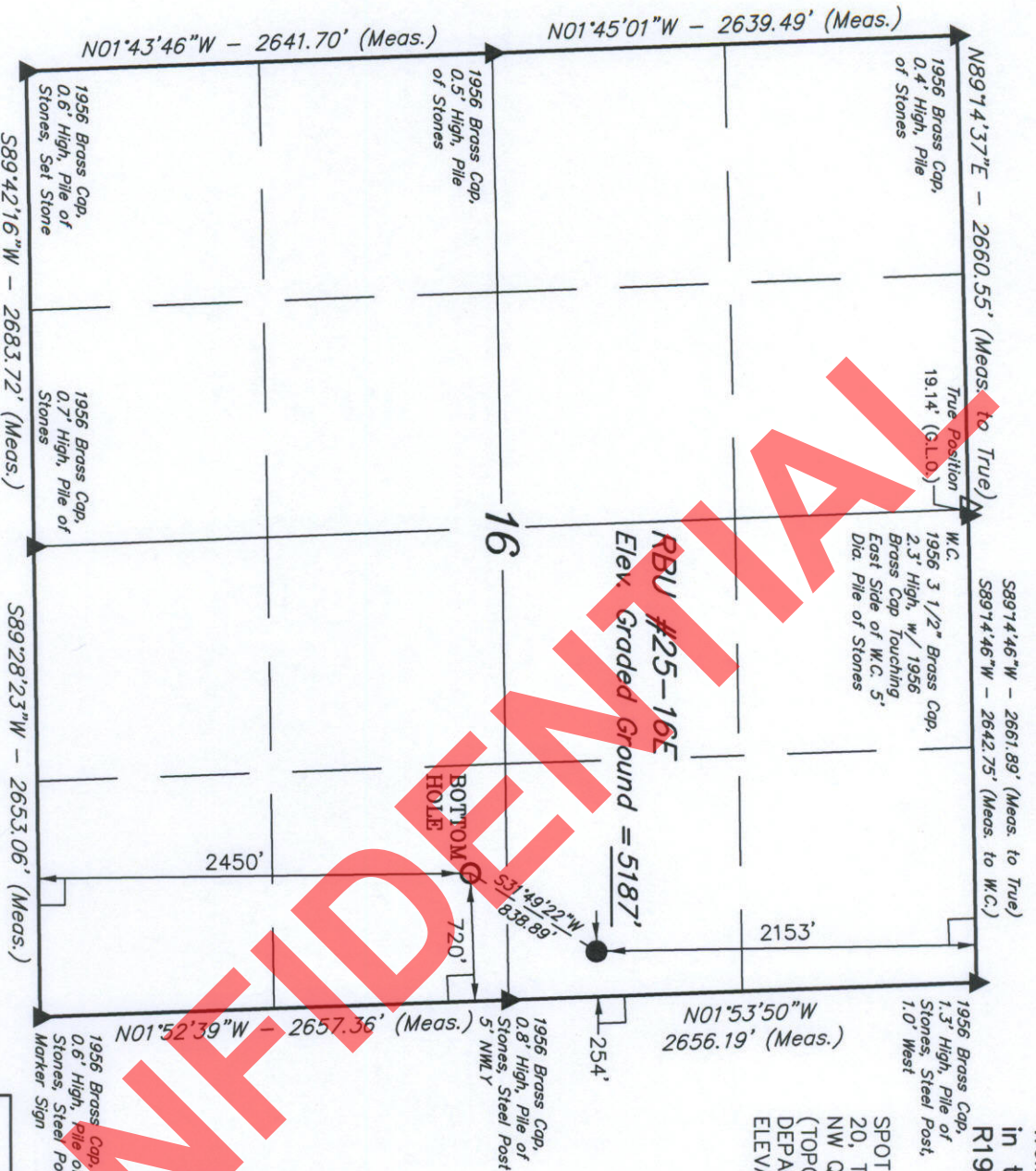
T10S, R19E, S.L.B.&M.

XTO ENERGY, INC.

Well location, RBU #25-16E, located as shown in the SE 1/4 NE 1/4 of Section 16, T10S, R19E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
STATE OF UTAH
NO. 161319
DATE OF EXPIRATION: 12/31/2019

UNTAH ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

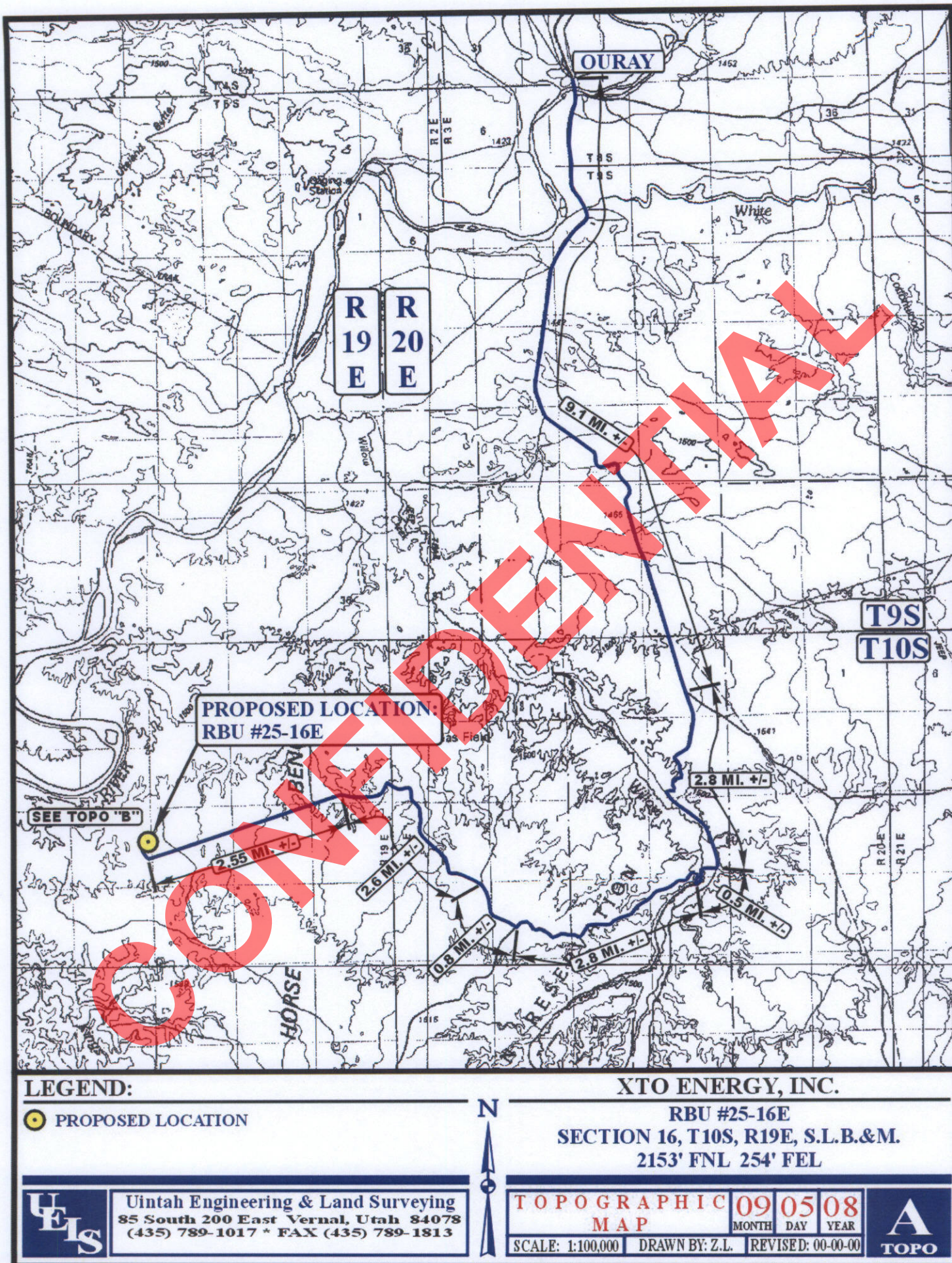
BASIS OF BEARINGS

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°56'48.32" (39.946756)	LATITUDE = 39°56'55.37" (39.948714)
LONGITUDE = 109°46'50.91" (109.780808)	LONGITUDE = 109°46'45.24" (109.779233)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°56'48.45" (39.946792)	LATITUDE = 39°56'55.50" (39.948750)
LONGITUDE = 109°46'48.40" (109.780111)	LONGITUDE = 109°46'42.73" (109.778536)

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	08-18-08	08-21-08

PARTY	REFERENCES
B.B. D.G. K.G.	G.L.O. PLAT

WEATHER	FILE
WARM	XTO ENERGY, INC.



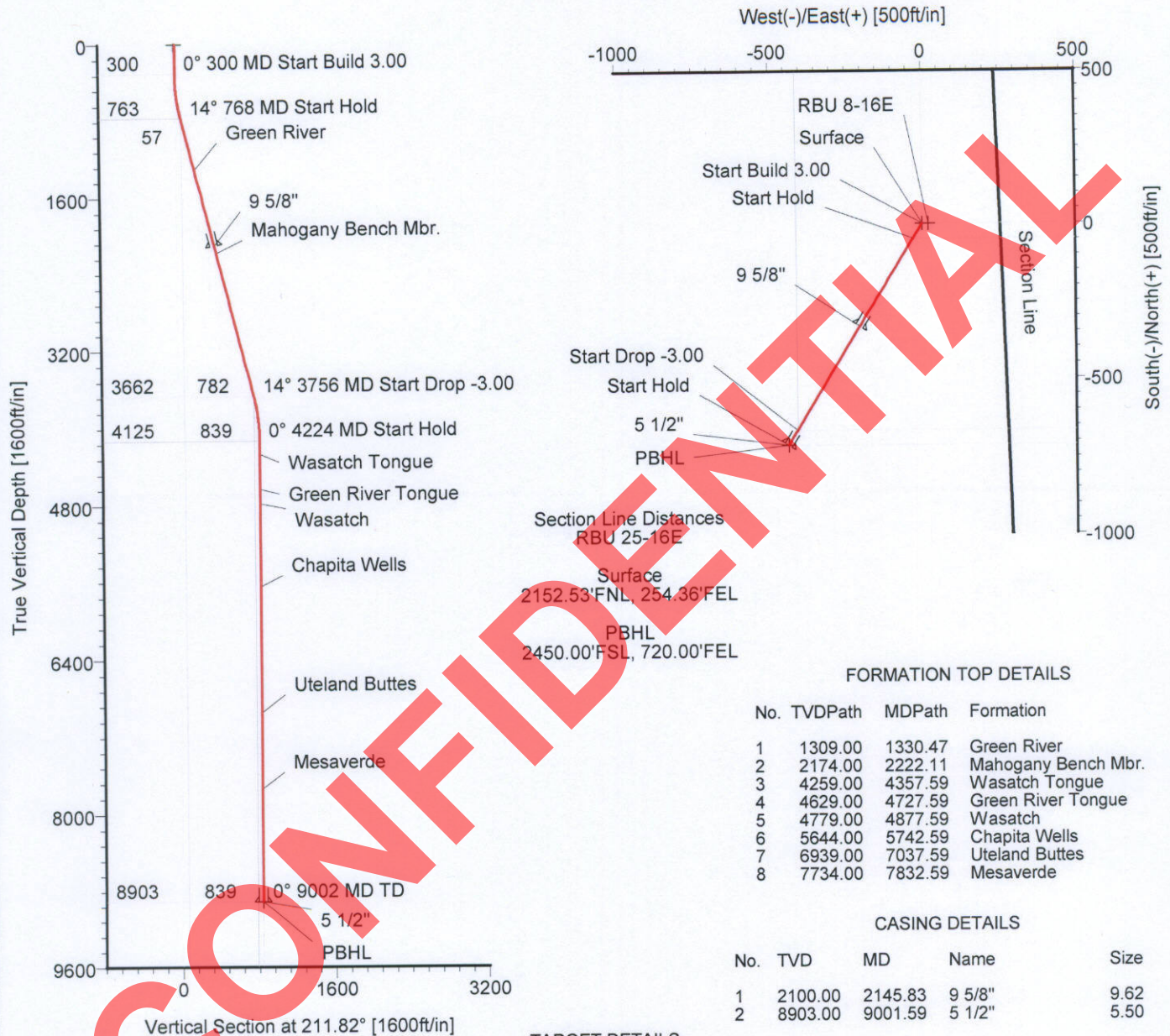
XTO Energy, Inc.

Field: Uintah County, UT
 Site: RBU 25-16E
 Well: #25-16E
 Wellpath: Original Hole
 Plan: Plan #2



Azimuths to True North
 Magnetic North: 11.16°

Magnetic Field
 Strength: 52282nT
 Dip Angle: 65.77°
 Date: 08/26/2011
 Model: IGRF2010

**TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	39°56'55.370N	109°46'45.240W	Point
RBU 8-16E	0.00	0.00	19.47	39°56'55.370N	109°46'44.990W	Point
PBHL	8903.00	-712.81	-442.31	39°56'48.325N	109°46'50.920W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	211.82	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	211.82	300.00	0.00	0.00	0.00	0.00	0.00	
3	768.00	14.04	211.82	763.33	-48.48	-30.08	3.00	211.82	57.05	
4	3755.57	14.04	211.82	3661.65	-664.33	-412.22	0.00	0.00	781.84	
5	4223.57	0.00	211.82	4124.98	-712.81	-442.31	3.00	180.00	838.89	
6	9001.59	0.00	211.82	8903.00	-712.81	-442.31	0.00	0.00	838.89	PBHL

Archer

Planning Report

Company: XTO Energy, Inc.
Field: Uintah County, UT
Site: RBU 25-16E
Well: #25-16E
Wellpath: Original Hole

Date: 08/26/2011 Time: 10:19:00
Co-ordinate(NE) Reference: Well: #25-16E, True North
Vertical (TVD) Reference: 5187'GL + 22'KB 5209.0
Section (VS) Reference: Well (0.00N,0.00E,211.82Azi)
Plan: Plan #2

Page: 1

Field: Uintah County, UT

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: RBU 25-16E

Site Position: Northing: 7154697.34 ft Latitude: 39 56 55.370 N
From: Geographic Easting: 2122798.94 ft Longitude: 109 46 45.240 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5187.00 ft Grid Convergence: 1.10 deg

Well: #25-16E

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 7154697.34 ft Latitude: 39 56 55.370 N
+E/-W 0.00 ft Easting: 2122798.94 ft Longitude: 109 46 45.240 W
Position Uncertainty: 0.00 ft

Wellpath: Original Hole

Current Datum: 5187'GL + 22'KB Height 5209.00 ft
Magnetic Data: 08/26/2011
Field Strength: 52282 nT
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
ft ft ft deg
0.00 0.00 0.00 211.82

Plan: Plan #2

Date Composed: 08/26/2011
Version: 1
Tied-to: From Surface

Principal: No

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	211.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	211.82	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
768.00	14.04	211.82	763.33	-48.48	-30.08	3.00	3.00	0.00	211.82	
3755.57	14.04	211.82	3661.65	-664.33	-412.22	0.00	0.00	0.00	0.00	
4223.57	0.00	211.82	4124.98	-712.81	-442.31	3.00	-3.00	0.00	180.00	
9001.59	0.00	211.82	8903.00	-712.81	-442.31	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
300.00	0.00	211.82	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	3.00	211.82	399.95	-2.22	-1.38	2.62	3.00	3.00	0.00	
500.00	6.00	211.82	499.63	-8.89	-5.52	10.46	3.00	3.00	0.00	
600.00	9.00	211.82	598.77	-19.98	-12.40	23.51	3.00	3.00	0.00	
700.00	12.00	211.82	697.08	-35.46	-22.00	41.74	3.00	3.00	0.00	
768.00	14.04	211.82	763.33	-48.48	-30.08	57.05	3.00	3.00	0.00	
800.00	14.04	211.82	794.37	-55.08	-34.18	64.82	0.00	0.00	0.00	
900.00	14.04	211.82	891.39	-75.69	-46.97	89.08	0.00	0.00	0.00	
1000.00	14.04	211.82	988.40	-96.30	-59.76	113.34	0.00	0.00	0.00	
1100.00	14.04	211.82	1085.41	-116.92	-72.55	137.60	0.00	0.00	0.00	
1200.00	14.04	211.82	1182.43	-137.53	-85.34	161.86	0.00	0.00	0.00	
1300.00	14.04	211.82	1279.44	-158.15	-98.13	186.12	0.00	0.00	0.00	
1330.47	14.04	211.82	1309.00	-164.43	-102.03	193.51	0.00	0.00	0.00	Green River
1400.00	14.04	211.82	1376.45	-178.76	-110.92	210.38	0.00	0.00	0.00	
1500.00	14.04	211.82	1473.46	-199.37	-123.71	234.64	0.00	0.00	0.00	

Archer

Planning Report

Company: XTO Energy, Inc.
Field: Uintah County, UT
Site: RBU 25-16E
Well: #25-16E
Wellpath: Original Hole

Date: 08/26/2011 Time: 10:19:00
Co-ordinate(NE) Reference: Well: #25-16E, True North
Vertical (TVD) Reference: 5187'GL + 22'KB 5209.0
Section (VS) Reference: Well (0.00N,0.00E,211.82Azi)
Plan: Plan #2

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1600.00	14.04	211.82	1570.48	-219.99	-136.50	258.90	0.00	0.00	0.00	
1700.00	14.04	211.82	1667.49	-240.60	-149.29	283.16	0.00	0.00	0.00	
1800.00	14.04	211.82	1764.50	-261.21	-162.09	307.42	0.00	0.00	0.00	
1900.00	14.04	211.82	1861.51	-281.83	-174.88	331.68	0.00	0.00	0.00	
2000.00	14.04	211.82	1958.53	-302.44	-187.67	355.94	0.00	0.00	0.00	
2100.00	14.04	211.82	2055.54	-323.06	-200.46	380.20	0.00	0.00	0.00	
2145.83	14.04	211.82	2100.00	-332.50	-206.32	391.31	0.00	0.00	0.00	9 5/8"
2200.00	14.04	211.82	2152.55	-343.67	-213.25	404.46	0.00	0.00	0.00	
2222.11	14.04	211.82	2174.00	-348.23	-216.08	409.82	0.00	0.00	0.00	Mahogany Bench Mbr.
2300.00	14.04	211.82	2249.56	-364.28	-226.04	428.72	0.00	0.00	0.00	
2400.00	14.04	211.82	2346.58	-384.90	-238.83	452.98	0.00	0.00	0.00	
2500.00	14.04	211.82	2443.59	-405.51	-251.62	477.24	0.00	0.00	0.00	
2600.00	14.04	211.82	2540.60	-426.13	-264.41	501.50	0.00	0.00	0.00	
2700.00	14.04	211.82	2637.61	-446.74	-277.21	525.76	0.00	0.00	0.00	
2800.00	14.04	211.82	2734.63	-467.35	-290.00	550.02	0.00	0.00	0.00	
2900.00	14.04	211.82	2831.64	-487.97	-302.79	574.28	0.00	0.00	0.00	
3000.00	14.04	211.82	2928.65	-508.58	-315.58	598.54	0.00	0.00	0.00	
3100.00	14.04	211.82	3025.67	-529.19	-328.37	622.80	0.00	0.00	0.00	
3200.00	14.04	211.82	3122.68	-549.81	-341.16	647.06	0.00	0.00	0.00	
3300.00	14.04	211.82	3219.69	-570.42	-353.95	671.32	0.00	0.00	0.00	
3400.00	14.04	211.82	3316.70	-591.04	-366.74	695.58	0.00	0.00	0.00	
3500.00	14.04	211.82	3413.72	-611.65	-379.53	719.84	0.00	0.00	0.00	
3600.00	14.04	211.82	3510.73	-632.26	-392.33	744.10	0.00	0.00	0.00	
3700.00	14.04	211.82	3607.74	-652.88	-405.12	768.35	0.00	0.00	0.00	
3755.57	14.04	211.82	3661.65	-664.33	-412.22	781.84	0.00	0.00	0.00	
3800.00	12.71	211.82	3704.88	-673.06	-417.64	792.11	3.00	-3.00	0.00	
3900.00	9.71	211.82	3802.96	-689.58	-427.89	811.55	3.00	-3.00	0.00	
4000.00	6.71	211.82	3901.92	-701.71	-435.42	825.82	3.00	-3.00	0.00	
4100.00	3.71	211.82	4001.50	-709.42	-440.20	834.89	3.00	-3.00	0.00	
4200.00	0.71	211.82	4101.41	-712.69	-442.23	838.74	3.00	-3.00	0.00	
4223.57	0.00	211.82	4124.98	-712.81	-442.31	838.89	3.00	-3.00	0.00	
4300.00	0.00	211.82	4201.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
4357.59	0.00	211.82	4259.00	-712.81	-442.31	838.89	0.00	0.00	0.00	Wasatch Tongue
4400.00	0.00	211.82	4301.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
4500.00	0.00	211.82	4401.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
4600.00	0.00	211.82	4501.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
4700.00	0.00	211.82	4601.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
4727.59	0.00	211.82	4629.00	-712.81	-442.31	838.89	0.00	0.00	0.00	Green River Tongue
4800.00	0.00	211.82	4701.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
4877.59	0.00	211.82	4779.00	-712.81	-442.31	838.89	0.00	0.00	0.00	Wasatch
4900.00	0.00	211.82	4801.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5000.00	0.00	211.82	4901.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5100.00	0.00	211.82	5001.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5200.00	0.00	211.82	5101.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5300.00	0.00	211.82	5201.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5400.00	0.00	211.82	5301.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5500.00	0.00	211.82	5401.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5600.00	0.00	211.82	5501.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5700.00	0.00	211.82	5601.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5742.59	0.00	211.82	5644.00	-712.81	-442.31	838.89	0.00	0.00	0.00	Chapita Wells
5800.00	0.00	211.82	5701.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
5900.00	0.00	211.82	5801.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6000.00	0.00	211.82	5901.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6100.00	0.00	211.82	6001.41	-712.81	-442.31	838.89	0.00	0.00	0.00	

Archer

Planning Report

Company: XTO Energy, Inc.
 Field: Uintah County, UT
 Site: RBU 25-16E
 Well: #25-16E
 Wellpath: Original Hole

Date: 08/26/2011 Time: 10:19:00
 Co-ordinate(NE) Reference: Well: #25-16E, True North
 Vertical (TVD) Reference: 5187'GL + 22'KB 5209.0
 Section (VS) Reference: Well (0.00N,0.00E,211.82Azi)
 Plan: Plan #2

Page: 3

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6200.00	0.00	211.82	6101.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6300.00	0.00	211.82	6201.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6400.00	0.00	211.82	6301.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6500.00	0.00	211.82	6401.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6600.00	0.00	211.82	6501.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6700.00	0.00	211.82	6601.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6800.00	0.00	211.82	6701.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
6900.00	0.00	211.82	6801.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7000.00	0.00	211.82	6901.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7037.59	0.00	211.82	6939.00	-712.81	-442.31	838.89	0.00	0.00	0.00	Uteland Buttes
7100.00	0.00	211.82	7001.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7200.00	0.00	211.82	7101.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7300.00	0.00	211.82	7201.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7400.00	0.00	211.82	7301.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7500.00	0.00	211.82	7401.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7600.00	0.00	211.82	7501.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7700.00	0.00	211.82	7601.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7800.00	0.00	211.82	7701.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
7832.59	0.00	211.82	7734.00	-712.81	-442.31	838.89	0.00	0.00	0.00	Mesaverde
7900.00	0.00	211.82	7801.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8000.00	0.00	211.82	7901.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8100.00	0.00	211.82	8001.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8200.00	0.00	211.82	8101.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8300.00	0.00	211.82	8201.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8400.00	0.00	211.82	8301.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8500.00	0.00	211.82	8401.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8600.00	0.00	211.82	8501.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8700.00	0.00	211.82	8601.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8800.00	0.00	211.82	8701.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
8900.00	0.00	211.82	8801.41	-712.81	-442.31	838.89	0.00	0.00	0.00	
9001.59	0.00	211.82	8903.00	-712.81	-442.31	838.89	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Surface			0.00	0.00	0.00	7154697.34	2122798.94	39	56	55.370 N	109	46	45.240 W
RBU 8-16E			0.00	0.00	19.47	7154697.71	2122818.40	39	56	55.370 N	109	46	44.990 W
PBHL -Plan hit target			8903.00	-712.81	-442.31	7153976.15	2122370.42	39	56	48.325 N	109	46	50.920 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2145.83	2100.00	9.62	12.25	9 5/8"
9001.59	8903.00	5.50	7.87	5 1/2"

Archer Planning Report

Company: XTO Energy, Inc.
Field: Uintah County, UT
Site: RBU 25-16E
Well: #25-16E
Wellpath: Original Hole

Date: 08/26/2011

Time: 10:19:00

Page: 4

Co-ordinate(NE) Reference: Well: #25-16E, True North

Vertical (TVD) Reference: 5187'GL + 22'KB 5209.0

Section (VS) Reference: Well (0.00N,0.00E,211.82Azi)

Plan: Plan #2

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1330.47	1309.00	Green River		0.00	0.00
2222.11	2174.00	Mahogany Bench Mbr.		0.00	0.00
4357.59	4259.00	Wasatch Tongue		0.00	0.00
4727.59	4629.00	Green River Tongue		0.00	0.00
4877.59	4779.00	Wasatch		0.00	0.00
5742.59	5644.00	Chapita Wells		0.00	0.00
7037.59	6939.00	Uteland Buttes		0.00	0.00
7832.59	7734.00	Mesaverde		0.00	0.00

CONFIDENTIAL

SURFACE USE PLAN

Name of Operator: XTO Energy Inc.

Address: 382 CR 3100
Aztec, NM 87410

Well Location: RBU 25-16E
Surface Location: 2,153' FNL & 254' FEL, SE/4 NE/4
BHL: 2,450' FSL & 720' FEL, NE/4 SE/4
Section 16, T10S, R19E, SLB&M, Uintah County, Utah

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approve before initiating construction.

The on-site inspection was conducted on July 21, 2009.

1. Existing Roads:

- a. The proposed access route to the location is shown on the USGS quadrangle map (see Exhibit "A").
- b. The proposed well site is located approximately 11.04 miles southwest of Ouray, Utah.
- c. Proceed in a westerly direction from Vernal, Utah along U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88. Exit left and proceed in a southerly direction for approximately 17.0 miles to Ouray, Utah. Proceed in a southerly then southeasterly direction approximately 9.1 miles on the Seep Ridge Road to the junction of this road and an existing road to the south. Turn right and proceed in a southerly direction, approximately 2.8 miles to the junction of this road and an existing road to the west. Turn right and proceed in a westerly, then southwesterly direction, approximately 0.5 miles to the junction of this road and an existing road to the north. Turn right and proceed in a northerly, then southwesterly direction approximately 2.8 miles to the junction of this road and an existing road to the northwest. Turn right and proceed in a northwesterly direction approximately 0.8 miles to the junction of this road and an existing road to the northwest. Proceed in a northwesterly, then westerly direction, approximately 2.6 miles to the junction of this road and an existing road to the southwest. Turn right and proceed in a southwesterly direction, approximately 2.55 miles to the junction of this road and an existing road to the northwest. Turn right and proceed in a northwesterly direction approximately 0.2 miles to the junction of this road and an existing road to the northeast. Turn right and proceed in a northeasterly direction approximately 300' to the existing location RBU # 8-16E and the proposed location.
- d. All existing roads within a one (1) mile radius of the proposed well site are shown in Exhibit "B". If necessary, all existing roads that will be used for access to the proposed well location will be maintained to their current condition, or better, unless BLM or SITLA approval or consent is given to upgrade the existing road(s).

- e. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- f. All existing roads will be maintained and kept in good repair during all phases of operation.
- g. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- h. Since no improvements are anticipated to the State, County, Tribal or BLM access roads, no topsoil stripping will occur.
- i. An off-lease federal Right-of-Way is not anticipated for the access road and pipeline corridors since both exist and are within the River Bend Unit area.

2. Planned Access Roads:

- a. Location (centerline): Utilizing the existing access road for the existing RBU 08-16E. The access road will enter the proposed location in the NE corner of the existing well pad.
- b. No new road construction is anticipated with the proposed location.
- c. No turnouts are proposed since adequate site distance exists in all directions.
- d. A maximum grade of 10% will be maintained throughout the project.
- e. No gates or cattle guards are anticipated at this time.
- f. Surface disturbance and vehicular travel will be limited to the approved location access road.
- g. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development (Gold Book – Fourth Edition – Revised 2007).
- h. The operator will be responsible for all maintenance of the access roads, including any anticipated drainage structures.
- i. Other: See general information below.
 - If any additional Right-of-Way is necessary, no surface disturbing activities shall take place on the subject Right-of-Way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any Right-of-Way facilities.
 - If a Right-of-Way is secured, boundary adjustments in the lease or unit shall automatically amend this Right-of-Way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this Right-of-Way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a

- If at any time the facilities located on public lands authorized by the terms of this lease are no longer included in the lease (due to a contraction in the unit or lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations as determined by the BLM.
- If the well is productive, the access road will be rehabilitated as needed and brought to Resource (Class II) Road Standards within a time period specified by SITLA or the BLM. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells:

- a. All wells in a one (1) miles radius are shown within Exhibit "C".

4. Locations of Existing and or Proposed Production Facilities:

- a. On-site facilities: Typical on-site facilities will consist of a wellhead, flowlines (typically 3" dia), artificial lifting system (if necessary), wellhead compression (if necessary), gas/oil/water separator (3 phase), gas measurement and water measurement equipment, and a heated enclosure/building for weather and environmental protection. The tank battery will typically be constructed and surrounded by a berm of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. The tanks typically necessary for the production of this well will be 1 – 300 bbl steel, above ground tank for oil/condensate and 1 – 300 bbl steel, above ground tank for produced water. All loading lines and valves for these tanks will be placed inside the berm surrounding the tank battery.
- All oil/condensate production and measurement shall conform to the provisions of 43 CFR 3162.7 and Onshore Oil and Gas Order No. 4, if applicable. Other on-site equipment and systems may include methanol injection and winter weather protection.
 - All permanent (in place for six (6) months or longer) structures constructed or installed on the well site location will be painted a flat, nonreflective color, matching the ground and not sky, slightly darker than the adjacent landscape, as specified by the COA's in the approved APD. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupations Safety and Health Act (OSHA) may be excluded.
 - Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No.3 will be adhered to.

- b. Off – Site Facilities: NONE

- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. No new pipeline is proposed since the well will be drilled from the existing RBU 8-16E well site utilizing the existing pipeline corridor.

5. Location and Type of Water Supply:

- a. No water supply pipelines will be laid for this well.
- b. No water well will be drilled for this well.
- c. Drilling water for this will be hauled from road(s) shown in Exhibit "B".
- d. Project water will be hauled from one of the following permitted sources:
 - o Water Permit #43-10991, Section 9, T8S, R20E;
 - o Water Permit #49-2189, Section 33, T8S, R20E;
 - o Water Permit #49-2158, Section 33, T8S, R20E;
 - o Water Permit #43-9077, Section 32, T6S, R20E;
 - o Water Permit #49-2262, Section 33, T8S, R20E
 - o Water Permit #49-1645, Section 5, T9S, R22E;
 - o Tribal Resolution 06-183, Section 22, T10S, R20E.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from SITLA, Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed as not to leak, breach, or allow for any discharge.
- e. The reserve pit will be lined with a 20 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. The pit walls will be sloped no greater than 2:1. A minimum 2-foot of freeboard will be maintained in the pit at all times during the drilling and completion operations.

- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The forth side will be fenced and a bird net installed as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as the construction of the production facilities are complete. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, A 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved XTO Energy Inc. disposal well for proper disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order # 7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be onsite at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage containers and Portable Toilets are the only ancillary facilities proposed in this application.
- b. No camps, airstrips or staging areas are proposed with this application.

9. Well Site Layout: (See Exhibit "D")

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with BLM and SITLA specifications.

- d. A pre-construction meeting with responsible company representatives, contractors, and SITLA will be conducted at the project site prior to commencement of surface disturbing activities. The pad and road will be construction staked prior to this meeting.
- e. The pad has been staked at its maximum size; however, it will be constructed smaller if possible, depending on rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed and storm water BMP's installed around the well site to prevent surface water from entering the well site.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled top soil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and/or contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for the portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following the BLM published Best Management Practices and per the signed 2009 Reclamation Plan, the interim reclamation will be completed within 90 days of well completion or 120 days of well spud (weather permitting) to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be back-filled and re-contoured to match the surrounding topography.
 - The area outside the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend in with the

- Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities (as per 2009 BLM Reclamation Plan) by spraying or mechanical removal.
- e. Prior to final abandonment of the site, all disturbed areas, including access roads, will be scarified and left with a rough, natural looking surface. The site will then be seeded and/or planted as prescribed by SITLA. The SITLA recommended seed mix will be detailed within their approval documents.

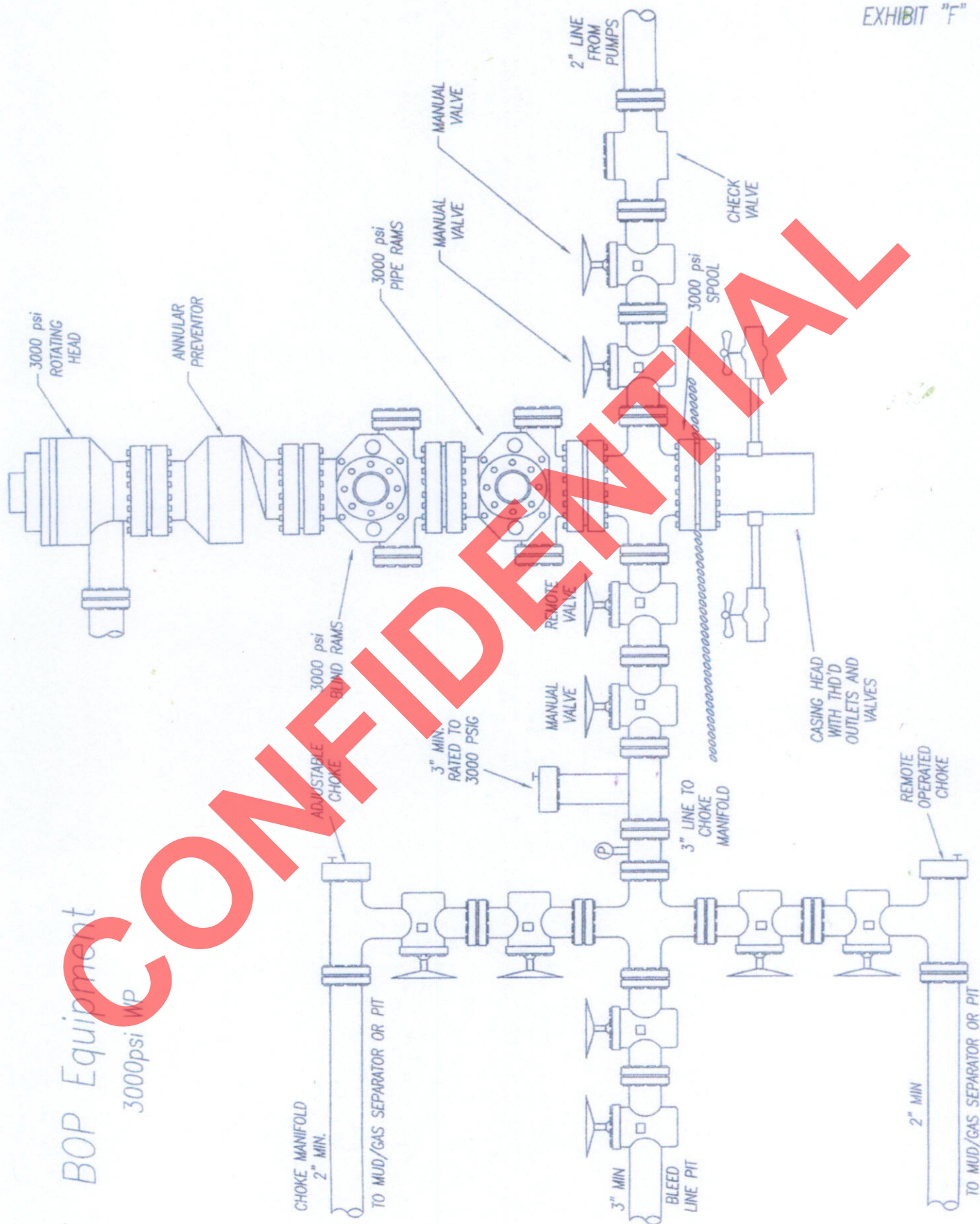
11. Surface and Mineral Ownership:

- a. Surface Ownership – State of Utah – under the management of the SITLA – State Office, 675 East 500 South, Salt Lake City, Utah 84102; 801-538-5100.
- b. Mineral Ownership – State of Utah – under the management of the SITLA – State Office, 675 East 500 South, Salt Lake City, Utah 84102; 801-538-5100.

12. Other:

- a. An independent Archeologist has conducted a Class III archeological survey. A copy of the report was submitted with the original APD application, in 2009, under separate cover to the appropriate agencies.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report was submitted with the original APD application, in 2009, under separate cover to the appropriate agencies.
- c. Based upon the onsite notes from 2009, it is understood that the results of the onsite inspections was:
 - No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - No drainage crossing that would require additional State or Federal approval are being crossed.

EXHIBIT "F"



BOP Equipment
3000psi WP



July 8, 2011

State of Utah
Division of Oil, Gas and Mining
PO BOX 145801
Salt Lake City, UT 84114

RE: Directional Drilling Regulation R649-3-11

Well Name: RBU 25-16E
Surface Location: 2,153' FNL & 254' FEL, SE/4 NE/4
BHL: 2,450' FSL & 720' FEL, NE/4 SE/4
Section 16, T10S, R19E, SLB&M, Uintah County, Utah

To Whom It May Concern:

Pursuant to the filing of XTO Energy Inc. Application of Permit to Drill, regarding the proposed RBU 25-16E on July 8, 2011, we are hereby submitting this letter in accordance with Oil and Gas Conservation Rule R649-3-11 pertaining to Exception to Location and Sitting of Wells.

- XTO Energy Inc. is permitting this well as a directional drill well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, XTO will be able to utilize the existing road and pipelines along with the se use of an existing well pad in the area.
- Furthermore, the location of this well and its wellbore is no closer than 460 feet from the unit boundary or an uncommitted Federal or un-leased tract within the Unit Area. XTO Energy Inc. is the sole owner within 460 feet of the entire directional wellbore.

Therefore, based on the above stated information, XTO Energy Inc. requests the permit be granted pursuant to R649-3-11.

Please feel free to contact me with any questions you may have.

Thank you,

A handwritten signature in black ink that reads 'Krista Wilson'.

Krista Wilson
Permitting Tech.
XTO Energy Inc.
505-333-6647
Krista_wilson@xtoenergy.com

Operator Certification:

a. Permitting and Compliance:

Krista Wilson
Permitting Tec.
XTO Energy Inc.
382 CR 3100
Aztec NM 87410
505-333-3100

b. Drilling and Completions:

Brent Martin
XTO Energy Inc.
382 CR 3100
Aztec, NM 87410
505-333-3100

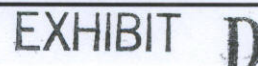
c. Certification:

I hereby certify that, I or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or XTO Energy Inc., are responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 11th day of July, 2011.

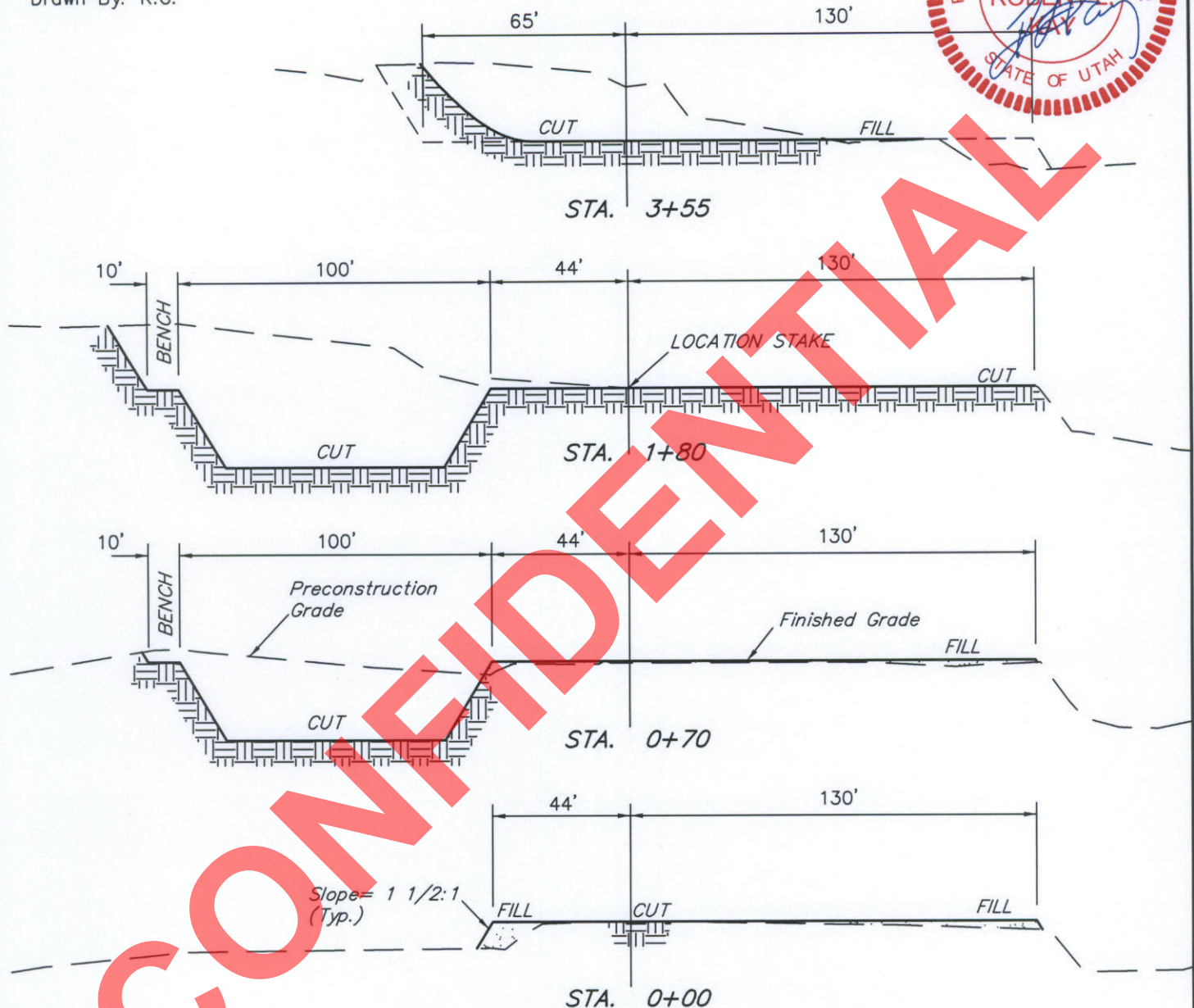
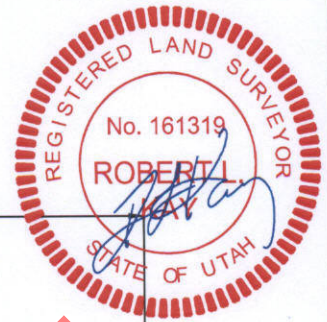
Signature: _____

Krista Wilson



XTO ENERGY, INC.**TYPICAL CROSS SECTIONS FOR****RBU #25-16E****SECTION 16, T10S, R19E, S.L.B.&M.****2153' FNL 254' FEL****FIGURE #2**

1" = 20'
X-Section
Scale
1" = 50'
DATE: 08-21-08
Drawn By: K.G.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES**CUT**

(6") Topsoil Stripping = 510 Cu. Yds.

(New Construction Only)

Remaining Location = 7,450 Cu. Yds.

TOTAL CUT = 7,960 CU. YDS.**FILL = 850 CU. YDS.****APPROXIMATE ACREAGES**

NEW DISTURBANCE = ±1.118 ACRES

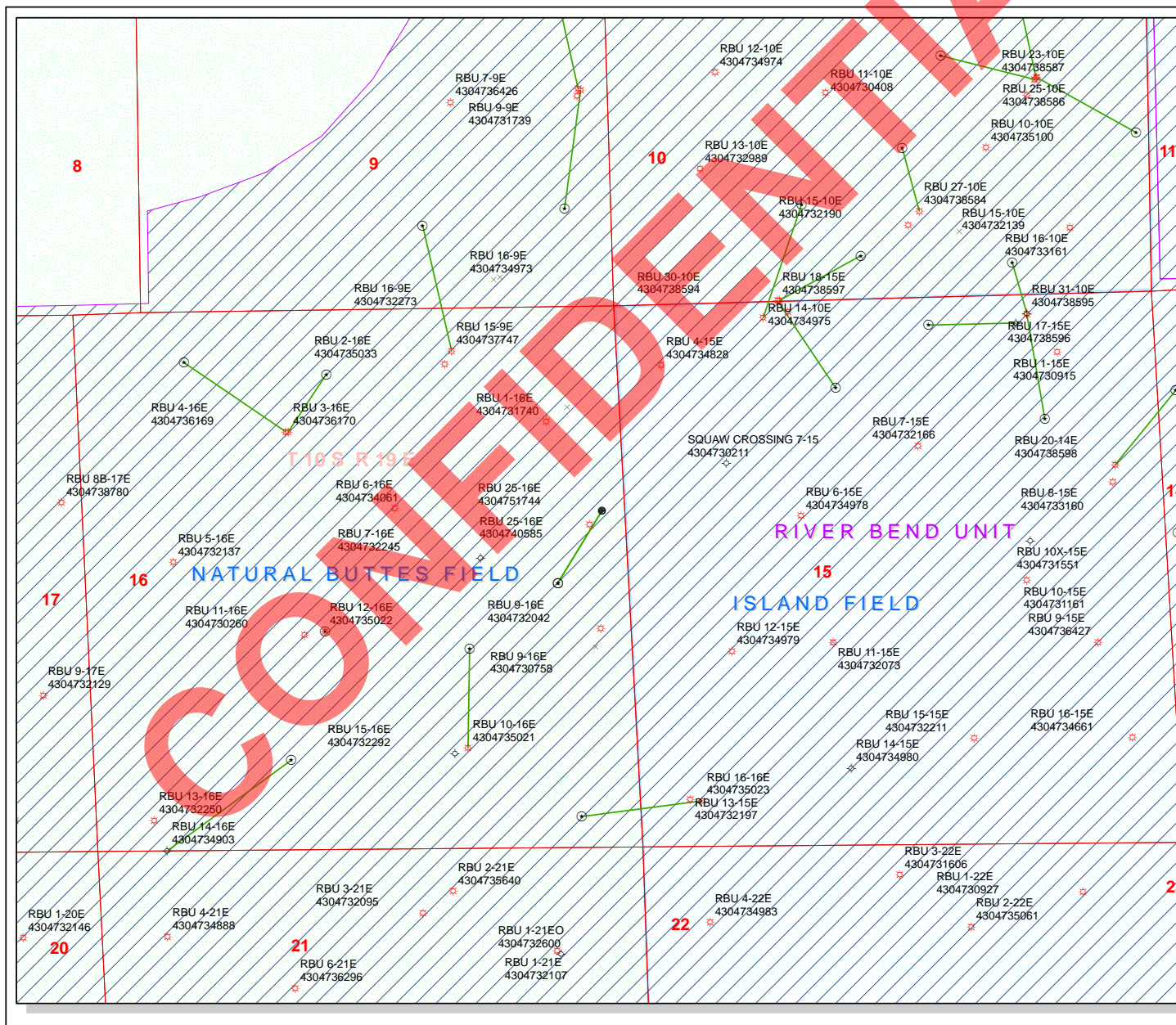
EXISTING DISTURBANCE = ±1.307 ACRES

TOTAL = ±2.425 ACRES

EXCESS MATERIAL = 7,110 Cu. Yds.

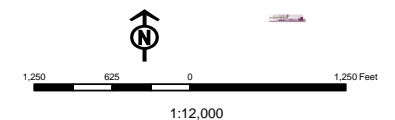
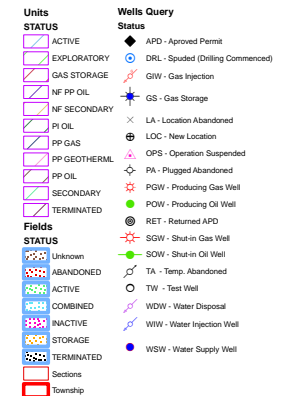
Topsoil & Pit Backfill = 2,320 Cu. Yds.
(1/2 Pit Vol.)EXCESS UNBALANCE = 4,790 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



API Number: 4304751744
Well Name: RBU 25-16E
Township T10. Range R1.9. Section 16
Meridian: SLBM
Operator: XTO ENERGY INC

Map Prepared:
Map Produced by Diana Mason



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

July 15, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2011 Plan of Development River Bend Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2011 within the River Bend Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

43-047-51744	RBU 25-16E Sec 16 T10S R19E 2153 FNL 0254 FEL	
	BHL Sec 16 T10S R19E 2450 FSL 0720 FEL	

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.07.15 09:32:03 -06'00'

bcc: File - River Bend Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-15-11

RECEIVED: July 18, 2011

From: Jim Davis
To: Hill, Brad; Mason, Diana
CC: Bonner, Ed; Garrison, LaVonne; krista_wilson@xtoenergy.com
Date: 9/27/2011 9:43 AM
Subject: The following APD has been approved by SITLA including arch and paleo clearance.

The following APD has been approved by SITLA including arch and paleo clearance.

RBU 25-16E 4304751744

Thanks.
-Jim

CONFIDENTIAL

Well Name	XTO ENERGY INC RBU 25-16E 43047517440000			
String	Surf	Prod		
Casing Size(")	9.625	5.500		
Setting Depth (TVD)	2143	8995		
Previous Shoe Setting Depth (TVD)	0	2143		
Max Mud Weight (ppg)	8.8	9.2		
BOPE Proposed (psi)	2000	3000		
Casing Internal Yield (psi)	3520	7740		
Operators Max Anticipated Pressure (psi)	3889	8.3		

Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	981	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	724	YES 2000 psi diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	510	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	510	NO
Required Casing/BOPE Test Pressure=		2143	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4303	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3224	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2324	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2796	NO Reasonable
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2143	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi

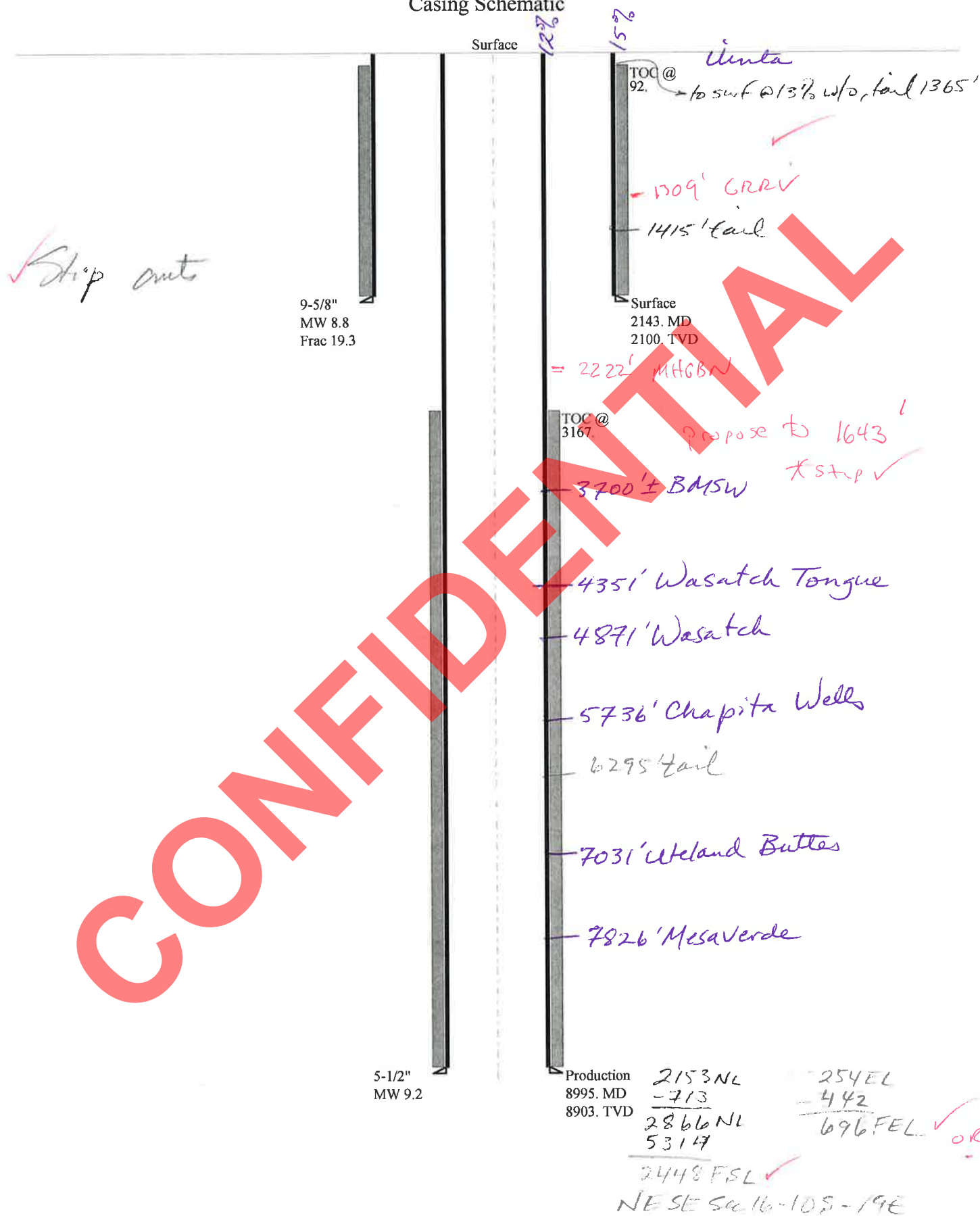
*Max Pressure Allowed @ Previous Casing Shoe=

psi *Assumes 1psi/ft frac gradient

CONFIDENTIAL

43047517440000 RBU 25-16E

Casing Schematic



Well name:	43047517440000 RBU 25-16E	
Operator:	XTO ENERGY INC	Project ID:
String type:	Surface	43-047-51744
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 92 ft

Burst

Max anticipated surface pressure: 1,886 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,138 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 1,862 ft

Directional Info - Build & Drop

Kick-off point: 300 ft
Departure at shoe: 378 ft
Maximum dogleg: 3 °/100ft
Inclination at shoe: 13.5 °

Re subsequent strings:

Next setting depth: 8,995 ft
Next mud weight: 9.200 ppg
Next setting BHP: 4,299 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,143 ft
Injection pressure: 2,143 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2143	9.625	36.00	J-55	ST&C	2100	2143	8.796	18627
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	960	2020	2.104	2138	3520	1.65	75.6	394	5.21 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 11, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2100 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047517440000 RBU 25-16E	
Operator:	XTO ENERGY INC	Project ID:
String type:	Production	43-047-51744
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 199 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 3,167 ft

Burst

Max anticipated surface pressure: 2,296 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,255 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,753 ft

Directional Info - Build & Drop

Kick-off point: 300 ft
Departure at shoe: 811 ft
Maximum dogleg: 3 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8995	5.5	17.00	N-80	LT&C	8903	8995	4.767	50699
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4255	6290	1.478	4255	7740	1.82	151.4	348	2.30 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 11, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8903 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator XTO ENERGY INC
Well Name RBU 25-16E
API Number 43047517440000 **APD No** 4209 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 SENE **Sec** 16 **Tw** 10.0S **Rng** 19.0E 2153 FNL 254 FEL
GPS Coord (UTM) 604345 4422573 **Surface Owner**

Participants

Jody Mecham and Krista Wilson (XTO), Cody Rich (UELS), Alex Hansen (DWR), Forest Bird and Randy Fredrick (Chapman Construction), Richard Powell (DOGM)

Regional/Local Setting & Topography

This well is proposed to be drilled on the the same pad as the existing gas well RBU 8-16E. The location lies about 1 mile south and east of the Grenn River and apporximately 11 miles south of Ouray UT. This location sits in a area of dry hills in a developed gas field. The only additional disturbance to this site will be to reopen the reserve pit.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	Width 195 Length 355	Onsite	DUCHR

Ancillary Facilities N

Waste Management Plan Adequate?

Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Coyote, rabbit, rodents, raptors

Soil Type and Characteristics

Sandy clay soil

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		40

1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be placed in a stable location in cut. The dimensions are 140ft x 100ft x 10ft deep. XTO plans to use a 20 mil liner and felt subliner which will be adequate for this site. Pit reclamation from original well (RBU 8-16E) appears very good.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 20 **Pit Underlayment Required?** Y

Other Observations / Comments

This well is proposed to be drilled on the existing pad with the RBU 8-16E.

Richard Powell
Evaluator

8/2/2011
Date / Time

Application for Permit to Drill Statement of Basis

10/6/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4209	43047517440000	LOCKED	GW	S	No
Operator	XTO ENERGY INC		Surface Owner-APD		
Well Name	RBU 25-16E		Unit	RIVER BEND	
Field	NATURAL BUTTES		Type of Work	DRILL	
Location	SENE 16 10S 19E S 2153 FNL 254 FEL GPS Coord (UTM) 604359E 4422567N				

Geologic Statement of Basis

XTO proposes to set 2,143 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 3,700 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing and cement should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Brad Hill
APD Evaluator

8/11/2011
Date / Time

Surface Statement of Basis

This well is proposed to be drilled on the existing well pad with the RBU 8-16E. The old reserve pit site will be rebuilt and lined with a 20 mil liner and felt subliner. The reserve pit site has been reclaimed and is in good condition with good vegetation growth, but as it will be re-disturbed future reclamation was discussed. Jody Meham of XTO agreed to see that the top soil was again cared-for to be used once again for pit reclamation. Alex Hansen of DWR stated no wildlife concerns. The surface and mineral are owned by SITLA and Jim Davis was invited to attend this onsite as the land owner representative but chose not to participate.

Richard Powell
Onsite Evaluator

8/2/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: October 06, 2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/11/2011**API NO. ASSIGNED:** 43047517440000**WELL NAME:** RBU 25-16E**OPERATOR:** XTO ENERGY INC (N2615)**PHONE NUMBER:** 505 333-3647**CONTACT:** Krista Wilson**PROPOSED LOCATION:** SENE 16 100S 190E**Permit Tech Review:** ☒**SURFACE:** 2153 FNL 0254 FEL**Engineering Review:** ☒**BOTTOM:** 2450 FSL 0720 FEL**Geology Review:** ☒**COUNTY:** UINTAH**LATITUDE:** 39.94869**LONGITUDE:** -109.77838**UTM SURF EASTINGS:** 604359.00**NORTHINGS:** 4422567.00**FIELD NAME:** NATURAL BUTTES**LEASE TYPE:** 3 - State**LEASE NUMBER:** ML-13214**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE**SURFACE OWNER:** 3 - State**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:****LOCATION AND SITING:**☒ **PLAT**☒ **R649-2-3.**☒ **Bond:** STATE - 104312762**Unit:** RIVER BEND☐ **Potash**☐ **R649-3-2. General**☐ **Oil Shale 190-5**☐ **Oil Shale 190-3**☐ **R649-3-3. Exception**☐ **Oil Shale 190-13**☒ **Drilling Unit**☒ **Water Permit:** 43-10991**Board Cause No:** Cause 259-01☐ **RDCC Review:****Effective Date:** 8/18/2006☐ **Fee Surface Agreement****Siting:** 460' Fr U Bdry & Uncommitted Tracts☐ **Intent to Commingle**☒ **R649-3-11. Directional Drill****Commingle Approved****Comments:** Presite Completed

Stipulations: 5 - Statement of Basis - bhill
9 - Cement casing to Surface - ddoucet
15 - Directional - dmason
25 - Surface Casing - hmacdonald

RECEIVED: October 06, 2011



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: RBU 25-16E

API Well Number: 43047517440000

Lease Number: ML-13214

Surface Owner: STATE

Approval Date: 10/6/2011

Issued to:

XTO ENERGY INC, 382 Road 3100, Aztec, NM 87410

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 259-01. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

The cement volumes for the 5 1/2" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to 1643' minimum as stated in drill plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet

- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-13214
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: RIVER BEND
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: RBW 25-16E
2. NAME OF OPERATOR: XTO ENERGY INC		9. API NUMBER: 43047517440000
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2153 FNL 0254 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 10.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/31/2013	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input checked="" type="checkbox"/> APD EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	
OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: October 11, 2012

By: 

NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory
SIGNATURE N/A	DATE 10/3/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517440000

API: 43047517440000

Well Name: RBU 25-16E

Location: 2153 FNL 0254 FEL QTR SENE SEC 16 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 10/6/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Richard L. Redus

Date: 10/3/2012

Title: Regulatory

Representing: XTO ENERGY INC

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-13214
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: RIVER BEND
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		8. WELL NAME and NUMBER: RBW 25-16E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2153 FNL 0254 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 10.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047517440000
PHONE NUMBER: 303 397-3727 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/7/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy requests a one (1) year extension of the State APD for the referenced well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: September 25, 2013

By:

NAME (PLEASE PRINT) Sephra Baca	PHONE NUMBER 719 845-2103	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/24/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047517440000

API: 43047517440000

Well Name: RBU 25-16E

Location: 2153 FNL 0254 FEL QTR SENE SEC 16 TWNP 100S RNG 190E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 10/6/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Sephra Baca

Date: 9/24/2013

Title: Regulatory Analyst Representing: XTO ENERGY INC